


# CKEditor integration

 This concept page describes the current status of the CKEditor integration as of Magnolia 5.2. In particular it captures issues and proposals for the CKEditor widget/Vaadin integration and tablet support.

- ★ Selected
- ★ To verify

- [User stories](#)
- [Problems](#)
- [Options](#)

## User stories

- ★ As a user, I can edit rich text on the iPad
- ★ As a user I can configure multiple ckeditor fields in a dialog and configure them independently
  - instances config vs. global CKEDITOR.config
- ★ As a user, I can add my own custom plugins to ckeditor
  - [MGNLUI-1947](#) - Getting issue details...
- ★ As a user, I can manage and edit CKEditor plugins in the resources module
- See complementary requirements from Services: [CKEditor and Magnolia 5.x](#)

## Problems

- ★ **CKEditor is currently disabled on the iPad**
  - editing via touch input and through the iframe doesn't work
  - see relevant comments on both following issues
    - [MGNLUI-1582](#) - Getting issue details...
    - [MGNLUI-2553](#) - Getting issue details...
- CKEditor is sensitive to page refresh / tab change
  - [SUPPORT-2848](#) - Getting issue details...
- Misc:
  - ★ [MGNLUI-2362](#) - Getting issue details...
  - [MGNLUI-609](#) - Getting issue details...
  - [MGNLUI-1372](#) - Getting issue details...
- **Configurability improvements**
  - Leaving this section empty for now, until we gain feedback and most-wanted settings against Magnolia 5.2.2
  - see [CKEditor integration in Magnolia 5](#)

## Options

### Integration

- Moving away from Vaadin CKEditor wrapper add-on
  - #1 craft our own wrapper
  - #2 hook CKEditor as a JavaScript extension to Vaadin TextArea
  - #3 hook CKEditor as a JavaScript component
  - #4 hook CKEditor plugins as JS extensions
- To be completed -

**Proposals:**

- Move CKEditor integration to its own module out of UI
- Sub-step: get away from wrapper add-on's java builder for our default configuration
  - We might have to provide our default configuration as JSON anyway
- Expose all CKEditor config options "transparently"
  - map of JCR properties, JSON serialization
- Enable developers to replace CKEditor version itself, or by a custom-built bundle